

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of)
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	Kazuo Fujiura et al.)
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Serial No.:	10/599,452) Art Unit
) 1793
Filed:	September 28, 2006)
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Confirmation No.:	9165)
)
For:	AN OPTICAL MEDIUM, AN OPTICAL LENS)
	AND A PRISM)
)
Examiner:	Noah S. Wiese)

2ND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. § 1.97

Commissioner for Patents
PO Box 1450
Alexandria, Virginia 22313-1450

Sir:

Please find, pursuant to 37 C.F.R. § 1.98(a)(1), the enclosed Form PTO-1449 which contains a list of all patents, publications, or other items that have come to the attention of one or more of the individuals designated in 37 C.F.R. § 1.56(c). While no representation is made that these references may be "prior art" within the meaning of that term under 35 U.S.C. §§ 102 or 103, the enclosed listed references are disclosed so as to fully comply with the duty of disclosure set forth in 37 C.F.R. § 1.56.

Moreover, while no representation is made that a specific search of office files or patent office records has been conducted or that no better art exists, the undersigned attorney of record believes that the enclosed art is the closest to the claimed invention (taken in its entirety) of which the undersigned is presently aware, and no art which is closer to the claimed invention (taken in its entirety) has been knowingly withheld.

In accordance with 37 C.F.R. §§ 1.97 and 1.98, a copy of each of the listed references or relevant portion thereof that is not a US patent document is also enclosed.

Non-Prior Art References

The following references are not prior art, but are listed herein for the Examiner's consideration:

European Search Report dated February 29, 2008 for the related European Application No. 05753470.3.

Statement of Relevance of References Listed Unaccompanied by English Translation Under 37 CFR § 1.98(a)(3)

In accordance with 37 CFR § 1.98(a)(3), the following concise explanation of the relevance of each listed reference that is not in the English language and unaccompanied by a translation into English is provided.

Japanese Patent Publication No. 08190020: HOLOGRAM RECORDING MATERIAL

PURPOSE: To provide a hologram recording material comprising potassium tantalate niobate in which a hologram can be fixed by incorporating hydrogen ion into an electro-optical crystal comprising potassium niobate tantalate.

CONSTITUTION: When a single crystal is grown from a fused liquid of oxides of tantalum, niobium, potassium, and the like, the fused liquid is made to react with hydrogen gas or water vapor so as to add hydrogen ions to the single crystal of potassium tantalate niobate. Two laser beams 3, 4 making 20 degree angle from each other are made to enter a hologram recording material comprising potassium tantalate niobate containing hydrogen ions to form space charges by electrons or holes. The crystal is subjected to heat treatment to move the hydrogen ions to compensate the space charges. Then the crystal is cooled to room temp. and irradiated with homogeneous light. Since hydrogen ions hardly move at room temp., the space charges by hydrogen ions remain as a replica.

Dated this 12th day of May 2008.

Respectfully submitted,

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